

## Braskem TI4450M Impact Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

### Material Notes:

Description: Very High Flexural Modulus Applications: Suggested Uses Include Compounding, Automotive Interior Trim, Intricately Designed Parts, Thin-Walled Parts. Process: Compounding. This resin meets the requirements for olefin polymers as defined in 21 CFR, section 177.1520 issued by the Food and Drug Administration. The additives present are covered in appropriate regulation by FDA. Information provided by Braskem

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Braskem-TI4450M-Impact-Copolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_Braskem-TI4450M-Impact-Copolymer-Polypropylene.php)

Physical Properties	Metric	English	Comments
Melt Flow	45 g/10 min @Load 2.16 kg, Temperature 230 °C	45 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	85	85	ASTM D785
Tensile Strength	31.0 MPa	4500 psi	2 in/min; ASTM D638
Elongation at Yield	5.0 %	5.0 %	2 in/min; ASTM D638
Flexural Modulus	1.41 GPa	205 ksi	0.05 in/min, 1% secant; ASTM D-790A
Izod Impact, Notched	0.694 J/cm	1.30 ft-lb/in	ASTM D256A

## Contact Songhan Plastic Technology Co.,Ltd.

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